

XMC4500-F144F1024 AB Information


For Reference Only

Part Number [XMC4500-F144F1024 AB](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 1MB FLASH 144LQFP
Package 144-LQFP Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



[Request a Quote](#)

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


XMC4500-F144F1024 AB Specifications

Manufacturer Part Number	XMC4500-F144F1024 AB
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP Exposed Pad
Series	XMC4000
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	120MHz
Connectivity	CAN, EBI/EMI, Ethernet, I2C, LIN, SPI, UART, USB
Peripherals	DMA, I2S, LED, POR, PWM, WDT
Number of I/O	91
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	160K x 8
Voltage - Supply (Vcc/Vdd)	3.13 V ~ 3.63 V
Data Converters	A/D 32x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LQFP Exposed Pad
Supplier Device Package	144-LQFP (20x20)

[Report errors?](#)

XMC4500-F144F1024 AB Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

XMC4500-F144F1024 AB Payment Methods



XMC4500-F144F1024 AB Shipping Methods



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